

## Silicone acryl micronized water based primer

### Description

Silicone acryl micronized water based primer. It offers excellent bonding, high penetration as well as durability to alkaline surfaces. Penetrates and anchors to the porous of the substrate, waterproofing it while allowing it to breathe. It also protects from rising moisture and salts stains. Furthermore, it has the ability to harden weak substrates, such as frail plasters etc. It has a slightly yellow color in order to be easily visible in fully primed surfaces.

### Fields of application

It is recommended for use in new or old external porous surfaces that are going to be covered with acrylic, silicone, waterproofing, elastomeric and emulsion paints or silicone and acrylic plasters. It is odorless, as well as environment and user friendly. Furthermore for use on puttied surfaces by acrylic putties or cementitious putties.

### Technical data

Form: 100 % acrylic –silicon based emulsion

Color: Wet: slightly yellowish  
Dry: transparent yellowish

Density: 1,00 kg/l  
(EN ISO 2811- 1).

Flash point:

Volume solid content: 14%

pH: 9-10  
(EN ISO 4316)

Drying Time: 1 h (in touch)  
(EN ISO 9117)

Recoating in: 4 h  
(EN ISO 9117).

Dry film thickness: 14µm (wet film: 100 µm)  
(EN ISO 2808)

Capillary water absorption:  $w = 0,01 \text{ Kg/m}^2\text{h}^{0,5}$   
(EN ISO 1062- 3: W3 low,  $w < 0,10 \text{ Kg/m}^2\text{h}^{0,5}$ )

Water vapor permeability:  $S_d = 0,07 \text{ m}$   
(EN ISO 7783- 2: V1 high,  $S_d < 0,14$ ).

Bond strength:  $2,68 \text{ N/mm}^2$   
(EN ISO 4624:2004)

Wet Scrub Resistance  
(EN 13300):  $1,1 \text{ µm}$  CLASS A  
(EN ISO 11998:  $< 5 \text{ µm}$  at 200 wash cycles).

Alkali resistance  
(DIN 18195-2): Bond strength =  $1,68 \text{ N/mm}^2$   
(EN ISO 4624).

Artificial weathering:  
No blistering, no flaking, no chalking, no cracking (EN 1062-11 after 2000h).

Cleaning of tools:  
Remove as much paint as possible from the used tools before cleaning. Clean the tools thoroughly with water and detergent immediately after use.

### Directions for use

#### 1. Substrate

The surface to be primed must be dry and free of dust, grease, dirt etc. while any imperfections on plaster should be restored.

#### 2. Application

PRIMER ACRYL is applied in one layer thinned up to 50% with clean water. For highly porous substrates use it undiluted. It is applied by brush, roller or spraying.

# PRIMER ACRYL



## Consumption

About 10-15 m<sup>2</sup>/l. per layer, depending on surface absorption and thinning percentage.

## Packaging

PRIMER ACRYL is available in plastic containers of 1, 5, 10 and 20 l.

## Shelf-life - Storage

24 months from production date if stored in original, unopened packaging, in temperature between +5°C and +35°C. Protect from direct sun exposure and frost.

## Remarks

Temperature during application should be at among +10°C and +35°C.

## Volatile organic compounds (VOCs)

According to the Directive 2004/42/CE (Annex II, table A), the maximum allowed VOC content for the product subcategory h, type WB is 30g/l (2010) for the ready to use product.

The ready to use product PRIMER ACRYL contains max <30 g/l VOC.

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